

Plumbing system repair and replace SOW in CGR during major make Ready, 5 HCMS

SL. NO.	DESCRIPTION OF WORK	Quantity	Unit	Estimated Cost /unit, INR	Estimated Cost, INR
	Guest Toilet Upgrade work along with all sanitary fixture and refixing of Hot/ Cold Supply line upto roof)				
1	Supply and Install of Granite with Bathtub along with waste line(.Bathtub Make- OYESTER).	LS			
2	Supply & Fixing of Basin (Make-Parryware) fixed on Granite Top.	1	Each		
3	Supply & Installation of Dual flush W/C with Seat Cover with silent features(Make -Parryware cascade).	1	Each		
4	Supply & Installtion of High flow Divetor complete Set(Make-Jaquer Fonti).	1	Each		
5	Supply & Installation Of Basin Mixture(Malke-Kholer, July).	1	Each		
6	Supply & Installation of Overhaed Shower with Arm(Make-Grohee)	1	Each		
7	Supply & Installation hannd shower with metal cod & Bracket.	1	Each		
8	Supply & Fixing of Bottom Spout (Make-Jaguar, Model No..SPY29463/SPJ15463)	1	Each		
9	Supply & Fixing of Angular Valve(Make-Jaguar Fonti)	3	Each		
10	.Supply & Fixing Bottle trap with Brash Pipe(Make-Essco).	1	Set		
11	Supply & Installation of Tissue Holder (Make-Jaquar)	1	Each		
12	Supply & Fixing of Towel Rod (Length-24inch)	1	Each		

13	Supply & Fixing of Towel Ring.	1	Each		
14	Supply & Fixing of Soap Tray.	1	Each		
15	Supply & Fixing of Grab Bar	2	Each		
16	Supply & Installation of 1.5inch x15i' astral UPVC Pipe with fittings for basin and bathtab wash line.	LS			
17	Supply & Installation of 3/4 inch/80ftTata (H) G.I Pipe and 1"/20 ft tata(H) G.I Line for cancelled hot/cold toilet line and Extent Upto Roof Top. It also includes removal of Existing all and fixing of HB Fitting , Fixing all new sanitary fixtures and cancelled wiring. Debris needs to be cleaned.	LS			
	CGR(Ambassador Toilet) including Maste & Children Toilet .				
1	Replacement of Existing Divetor and supply, Installation of new Divetor with complete Set.	3	Each		
2	Supply & fixing of Basin Waste.	5	Each		
3	Supply & Fixing of Hand Shower with cord .(Including wall Bracket, Make-Kholer/ Grohee)	3	Each		
4	Supply & Fixing of Rain Shower (Dia 200mm) with Arm(Make- Kholer/ Grohee)	2	Each		
5	Supply & Fixing 100mm dia overhead shower with Arm. (Make-Khoer/ Grohee)	1	Set		
6	Supply & Fixing of Bottom Spout.(Make-Jaquer, Model No..SPY29463/ SPJ 15463)	3	Each		
7	Supply and Fixing of Wall outlet Elbow (Make - Jaquer).	2	Each		
8	Supply and Fixing of Bottle trap with Brass Pipe.(Make- Essco)	5	Set		
9	Supply & Installation Of Floor Gratings (Make-Chilli)	2	Each		
10	Supply & Installation of Towel Rod(Make- Jaquer)	3	Each		
11	Supply & Installation of Soap Disc.	4	Each		
12	Supply & Fixing of Cistern Inside Fitting complete Set(Make- Parryware)	3	Each		

13	Supply and Installation of 3/4"/ 60' and 1"/60' Tata (H)GI pipe with HB fittings for replacement 3 Nos toilet cancelled hot & cold line & it will be upto the roof.It also includes civil & masonry works.	LS			
14	Supply & Inbstation of Single lever Basin Mixture. Make- Kholer- July	5	Each		
	Upgarde and repair works in CGR- Toilet(Under Staircase)with all Plumbing fixture and supply pipe line upto Rooftop.				
1	Supply & Installation of Dual flash comod with Cistern (Including Silent Set Cover).- Parryware Cascade	1	Set		
2	Supply and Fixing of Bottle trap with Brass pipe (make-Essco)	1	Set		
3	Supply and Installation of Single lever basin Mixture.(Make- Kholer)	1	Set		
4	Supply and fixing of wash basin along with granite top(Make- Parryware Cascade Nxt).	1	Set		
5	Supply and Fixing of angular Valve (Make- Jaquer Fonti)	3	Each		
6	Supply & Fixing of Towel rod 24" (Make- Jaquer)	1	Each		
7	Supply & Fixing of Tissue Roll Holder.(Make- Jaquer)	1	Each		
8	Supply & Fixing of Towel Ring.(Make- Jaquer)	1	Each		
9	Supply and Installation of GI pipeline(3/4"x 60') and 1"x40' tata (H) along with (HB) fittings for toilet line upto roof for hot & cold line.	LS			
10	Shifting 4" soil outlet Line and waste water line along with trap for avoiding adverse situation at monsoon.	LS			
11	Dismantling old plumbing fixture and removed debris from Site.	LS			
	Common Toilet at CGR maid Quarter area .				
1	Supply & Installation parryware make flat large urinal with Speeder by replacing existing one.	1	Each		
2	Supply & Installation of Angular Valve (Make-Clarion)	2	Each		
3	Supply & Installation of Parryware make Wash Basin	1	Each		
4	Supply & Installation of Pillar Cock(Right Operated).- Make- Jaquer Clarion.	1	Each		
5	Supply & Installation of Flexible waste Pipe(Make-Ashirbad)	2	Each		
6	Supply & Installation of Basin Waste(Make- Jaquer)	1	Each		

7	Supply & Installation of Floor Gratings (Make- Chilli)	2	Each		
8	Cleaning of waste line for easy access of water flow.	LS			
	Out side Visitor Toilet.				
1	Supply & fixing of Basin Mixture (Single Leaver, Make- Kholer)	1	Each		
2	Supply & Fixing of Tissue Roll Holder.	1	Each		
3	Supply & Fixing of Towel Ring	1	Each		
4	Supply & Fiuxing Bottle trap with CP- pipe(Make-Essco)	1	Each		
5	Supply & Installation Basin Waste (Make- Essco)	1	Each		
6	Supply & Install Health Faucet(Make-Jaquer)	1	Each		
	Laundry				
1	Supply & Install of Sink wall Mixture(Make Jaquer/ Clarion)	1	Each		
2	Supply & Installation Of Sink Waste.Make-Nirali	2	Each		
3	Supply & Installation Of waste Pipe(Make- Ashirbad)	2	Each		
4	Supply & Installation of Connector pipe. Make- Viking	4	Each		
5	Supply & Installation of Pre Filter Housing.	LS			
6	Labour Charge for work completion and removal of Debris	LS			
	Maintenance and Repair works on Main water supply line of Maid quarter Toilet, out side visitor Toilet, CGR Manager Toilet and Pantry				
	Supply & Install entire G.I Line of CGR several servant toilet & Pantry upto roof main line including rain water line with tata G.I pipe & HB fitting . Soil & Waste Line(4") including 1.5" UPVC basin & sink waste line connected with nearest Yard Golli & pits with necessary civil work....	LS	LS		
	Material Description...1.Tata(H) 3/4"X 140' G.I pipe with HB Fitting, 2. Tata (H) 1"X100' G.I Pipe with HB Fitting.3. 4" Supreme "B" Type pipe (200ft)with trap, bend, clamp, Tee etc.4. 1.5"x 40' UPVC Astral pipe (40ft)with necessary fittings for basin and sink waste line.				
	Maid quarter Pantry				

1	Supply & Install single bowl S.S Sink with waste complete Set. (Make- Nirali).	1	Each		
2	Supply & Install of Table mounted Sink Mixture(Jaquer Clarion).	1	Each		
3	Supply & Install of Angular Valve. (Jaquer Clarion)	2	Each		
4	Supply & Installation of Bottle Trap(Make-Essco)	1	Each		
5	Supply & Installation Of Bottle trap pipe(Make- Viking)	1	Set		
6	Supply & Installation Of Towel Ring(Make- Essco)	1	Each		
7	Supply & Installation of Liquid Soap Dispenser. Make- Viking	2	Each		
8	Supply & Installation sink counter with granite fixing at top level.	LS			
	CGR Manager Toilet				
1	Supply & Installation of 3 in 1 wall mixture with provision for hand shower(Make- Jaquer Clarion)...	1	Each		
2	Supply & Fixing of over head shower with Arm(200mm)- Make Grohee.	1	Each		
3	Supply & Installation OF Commოდ (Make- Parryware)	1	Each		
4	Supply & Installation of PVC Cistern(Make- Parryware).	1	Each		
5	Supply & Installation of wash Basin- Make Parryware.	1	Each		
6	Supply & Installation Of Basin Mixture(Malke-Jaque Clarion)	1	Each		
7	Supply & Installation of Basin Waste.	1	Each		
8	Supply & Installation of Bottle trap with C.P Pipe.	1	Each		
9	Supply & Installation Of Mirror	1	Each		
10	Supply & Installation Of Liquid Soap Dispenser	2	Each		
11	Supply & Installation of S.S Soap Disc.	1	Each		

12	Supply & Installation of S.S Dress Hanger	1	Each		
13	Supply & Fixing of Towel Rod (Length-24inch)- Make Jaquer	1	Each		
14	Supply & Fixing of Angular Valve(Make-Jaguar Clarion)	6	Each		
15	Supply & Installation of 18" connector Pipe(Viking)	4	Each		
16	Supply & Installtion 2 in 1 Bib Cock- Make Jaquer Clarion.	1	Each		
17	Supply & Installation Of Health Focet(Make Jaquer).	1	Each		
18	Supply & Installation of 25 ltr. A.O smith Water Heater.	1	Each		
	Modification work at CGR- kitchen				
1	Supply & Install Sink Waste (Make - Nirali)	3	Each		
2	Supply & Install Bottle trap with Brass Pipe	3	Each		
3	Supply & Install angular Valve- make Jaquer Clarion.	7	Each		
4	Supply & Install Sink Mixture(Make- Kholer)	3	Each		
5	Supply & Install Viking Connector Pipe	10	Each		
6	Caulkking with Sealent and apply M- Seal for sink and all toilet , wash basin and Bath Top	LS			
7	Cleaning all Drain line thoroughly for easy access of water	LS			
8	Supply & Fixing of Viking Connector Pipe.	15	Each		
9	Supply & Install 3/4" x40' and 1"x40' tata(H) G.I pipeline including HB fitting for kitchen supply line(Hot/ cold).from ground to roof including Civil & all necessary work.	LS			
	Repalce old , scaled and corroded Main water supply piupe line to CGR line , from Water treatment plant to CGR & maid Quarter				
	a). Replacement and install of 2" dia Tata (H) from WTP Plant and Pressurisation tank to CGR & Several servent quarter line with cota stoine civil & masonary work by using Scraf holding.				
	b). Supply and replacof 2", 1.5", 1" tata (H) pipes for WTP Plant, Pressure tank, inlet and outlet to Servent Quarter and CGR roof top .. Fixing new pipe by replacing existing pipe.				
1	Supply and Install 2" tata (h) GI Pipe 470ft. (Approx)		Rft		
2	Supply & Installation 2" Gate Valve(Leader).	2	Each		
3	Supply & Installation 1.5" tata(H) GI pipe100ft(Approx)		Rft		
3	Supply & Installation 2" diaphragmm valve(Make-N.k.I).	2	Each		
4	Supply & Installation 1.5" gate valve leads.	2	Each		
5	Supply & Installation 1" gate valve (Make- Leader)	6	Each		
6	Supply & Installation HB make necessary items like Flange, T. Elbow, Union, Support Bracket Etc.	LS			

7	Labour charge for for laying 2', 1.5', 1" G.I line with RCC , Brick, floor & Earthen surface cutting Including Scaffolding , Chiselling, and masonry work.It also includes cleaning of Debris from Side.	LS			
	Stone ware Pipe work at CGR Resident Area				
1	Supply and Install existing type master trap for making new pit. Fix new existing type man hole for connection with existing line.	LS			
2	Supply & Install manhole frame with cover (5Set) with all pit repairing including all yard and sweage line cleaning.	LS			
3	Supply and Install 2 Nos. 9"x6" stone ware yard gully with pipe line dimension 6"x50' stoneware pipe. Both Includes civil & masonry work.	LS			
4	Supply and Installation of cota stone during replacement of stoneware pipe and GI line from WTP plant to CGR - Residence.(Approx 700 Sq. Ft)	LS			
5	Supply & Install Supreme B type pipe fitting with necessary fitting(4" Pipe) for soil & waste line-Approx 170ft.	LS			
6	Supply & Install Supreme B type pipe fitting with necessary fitting(4" Pipe) for rain water line- Approx 200ft	LS			
	Proposal for CGR- Outside sink with Hot & Cold Facility.				
1	Supply & Installation of double Bowl sink. (As per decision). - Make Niralli	1	Each		
2	Supply and Installation of table mounted sink Mixture.(Make- Jaquer Clarion)	2	Each		
3	Supply & Installation of AngularValve.(Make- Jaquer Clarion)	4	Each		
4	Supply and Installation bottle trap with Viking CP - Pipe(Make-Essco)	2	Each		
5	Supply and Instal 1' Gate Valve.(Make- Leader Class-1)	2	Each		
6	Supply & Install heavy duty 3/4"+1" GI pipe with all accessories and kept under wall (Concelled)with all civil and painting work to match existing wall.(Tata Heavy)	120	Rft		
7	Supply and install heavy duty 1.5" pvc pipe with all accessories and kept under wall (Concelled) with all civil and painting work to match existoing wall (For Waste Line). - Make Astrol	15	Rft		
8	Supply and Install of Granite top with two side SS support. Structure have good looking with all complete finish for cutting and accessories.(Fabricated)	LS			
	Total estimated cost , INR				-

SOW electrical repair and replace work at 5 HCMS

SL. NO.	DESCRIPTION OF WORK	Quantity	unit	Estimated Cost/Unit, INR	Estimated cost, INR
	<u>Residence Area</u>				
1	Replace existing outdated old electrical distribution board . Supply and Install new Power D.B by removing old outdated existing D.B at Stair case lobby inside the residence along with 8way VTPN/Double door, 1nos 4pole 63amps MCB for MAINs,24 nos 16amps SP MCB for load (Make: Hager or other equivalent) and with proper chase cutting,, glanding.	2	each		
2	Supply and Replace Lighting D.B by removing old outdated existing D.B at Stair case lobby inside the residence along with 6way TPN /Double door, 1nos 4pole,40amps MCB for MAINs,24 nos 10 amps SP MCB for load (Make: Hager or other equivalent) and with proper chase cutting	2	each		
3	Supply and Replace 110 Volts D.B by removing old outdated existing D.B at Stair case lobby inside the residence along with 14way SPN Double door, 1nos 2pole,40amps MCB for MAINs,14 nos 16 amps SP MCB for load (Make: Hager or other equivalent) and with proper chase cutting and finish with sand and cement.	2	each		
4	supply and install Dual Power Outlet by removing existing outdated outlet at CGR and Staff Quarter along with 2no of 6/16amps sockets,2no of 16amps switches, Cover Plate, and 8module metal box (Make: MK) and proper chase cutting.	60	each		

5	Supply and install Point Wiring for installation sensor in various position from Light switch Box to Sensor position along with 3x2.5 sq.mm(Red, Yellow, Black)1x 1.5 sq.mm FRLS copper flexible wire make: Finolex, conduit and proper chase cutting finish with sand and cement.	11	each		
6	Supply and install Dedicated line wiring from Power D.B to Power Outlet at Bathroom along with 2x4 sq.mm(Red ,Black)1x 1.5 sq.mm (green) FRLS copper flexible wire make: Finolex, conduit and proper chase cutting finish with sand and cement.	25	mtrs		
7	supply and install Main line for A.C form Starter to ODU along with 3core 4sqmm XLPE AURMOURED COPPER CABLE,GI Cable tray, aluminum saddling and proper cable gland.	300	mtrs		
8	Supply and change the defective A.C Starter OLP-3+ /make: Electron at Existing position.	10	each		
9	Supply and laying 4sqmm,3core XLPE armored cable(make: Finolex and other equivalent), with 2x18 swg bared copper wire for installation of additional weather proof Power Outlet at CGR Roof Area along with, Cable tray, Cable Gland, Chase cutting etc from Power D.B at Electric room to Power Outlet Box.	100	mtrs		
10	Supply and install Weather proof D.P Encloser attached 6-16 amps Power outlet make: Schneider or other equivalent at Parapet wall surface at CGR Roof . It should be installed with proper Metal Bracket Holder and should not be drilled at insulated wall.	10	each		

11	Supply and install PANEL BOARD SYSTEM D.B (novella+ 400A/10way/3phase/mod. No - JN00010S16 / Make-Hager) along with matching 2nos CABLE END BOX and 10 nos cable GLAND by removing old outdated MAIN D.B at CGR Electric room.	1	each		
12	Supply and install MCCB / 4POLE / 400amps / 50kA / model-HND401U / MAKE-HAGER	1	each		
13	Supply and install MCCB / 3POLE / 63amps / model-HNA063U / MAKE-HAGER	10	each		
14	Supply and install Heavy duty Metal Bracket for installation of D.B on surface wall .	1	each		
15	Supply and Replace Power D.B by removing old outdated existing D.B at Electric Room beside the residence along with 6way TPN/Double Door, 1nos 4pole,40amps MCB for MAINs,24 nos 10 amps SP MCB for load (Make: Hagger or other equivalent) and with proper chase cutting and finish with sand and cement.	1	each		
16	Supply and Replace Lighting D.B by removing old outdated existing D.B at Electric Room beside the residence along with 4way VTPN/Double Door, 1nos 4pole 63amps MCB for MAINs,16 nos 16amps SP MCB for load (Make: Hagger or other equivalent) and with proper chase cutting and finish with sand and cement.	1	each		

17	Supply and Replace Power D.B by removing old outdated existing D.B at Electric Room beside the residence along with 12way TPN/double door, 1nos 4pole,63amps MCB for MAINs,36 nos 16 amps SP MCB for load (Make: Hagger or other equivalent) and with proper chase cutting and finish with sand and cement. DB Box should be match with existing place.	1	each		
18	Supply and Change the Ceiling Mounted Surface LED Light/14 watts/make: Philips or equivalent at CGR Staff Quarter.	10	each		
19	Supply and Change the Wall Mounted Surface LED Light/14 watts/make: Philips or equivalent at CGR Staff Quarter.	20	each		
20	Supply and Change the LED mirror Light Fixture make: Philips or equivalent at Various Bathroom in CGR.	4	each		
22	New Electrical work during repair and upgarde of 2 nos toilet at CGR.	2	each		
23	New Electrical work during repair and upgarde of 2 nos toilet at Maid Quarter.	2	each		
24	Supply and lay electrical wire during wall repair works , 2x4sqmm+1x2.5 sqmm coper flexible conductor within heavy duty GI/EMT conduit.	500	mtrs		
	Total estimated cost in INR				0.00

Carpentry , Masonry And paint SOW for Make Ready of CGR , 5 HCMS

SL. NO.	DESCRIPTION OF WORK	Quantity	Unit	Estimated cost/unit, INR	Estimated Cost
	-				
1	Main Door - Replace old , defaced existing main door with frame, Supply and install door with Frame as per approved drawing Size 8'-" x 5'-" solid teak wood frame and door, 6" ball bearing hinges and heavy duty mortise lock, 12" brass handle and 24" tower bolt and both side polish need to be done.	1	each		
2	Inside Door - Replace old defective doors , Supply and install two no's door frame ,one for common toilet and one for dining area. Frame to be made by 6"X4" shawl wood size 7'0" X3'0" and 8'0" X 4'-" ,with good quality natural polish fix a mortise lock (godrej) and a tower bolt each door.	2	each		
3	Wood Polish - 12 nos door, size 3'0"X7'0" little bit wooden extension of bottom side and necessary hardware, fix a godrej mortise lock, tower bolt and stopper with good quality polish.	12	each		
4	Wood polish - wardrobe total 360 sq.ft area need to be polished by good quality natural polish/approved color polish.	360	sqft		
5	Roof Door - Supply and install an aluminum door at roof top utility room, door size 3'0" X 6' 0" require both side godrej handle and fix a haxball.	1	sqft		
6	Repair Kitchen Cabinet and replace old gasket, all doors handle, magnet system and hinges need to be repalced .	20	each		
7	Wood Polish and repair, wooden stair case - All wooden stair polish need to be removed and all defective sides need to be replaced. And make new wooden railing with good quality polish as per sample. Total area of 400sq ft,	400	sqft		
8	Window Replace - Supply and install aluminum window with dual Toughen glass panel , aluminum (Make- Genlalco) and all good quality hardware. Size - 5'-0" x 4'-0" - 17 - 340 Sq.ft 5'-0" x 3'-0" - 15 - 225 Sq.ft	565	sqft		

9	Door - Supply and install 7 nos Door for maid quarter and CGR store. Thick 19mm and H- 7'-0" X 3'-0" (Make- Century or Equivalent) 6" bolt bearing hinges and mortise lock and other hardware and paint.	7	each		
10	Window - Supply and install three nos windows for staff & store room and window size 5'0"X4'0" with frame, fix all hardware and smooth surface and good quality paint ,	3	each		
11	Fixed Window - Supply and install windows in garden side and 1st and 2nd floor. make 4 nos of sound proof glass window with fix mylar total 200 sqft.	4	sqft		
12	Basin Counter - Supply and install wardrobe as per approved drawing with 19mm, 12mm, 6mm B.W.R ply wood (Make- Century or Equivalent) finished with laminate (Approved by U S G) and polishing , Inside with 0.8mm laminate 30 mins fire resistance ply board to be used for all Basin Cabinet. Hardware be EBCO/ Hettich Quality. Size (H 2'-6" x L 5'-0" x W 2'-0" =15 sq.ft x 3 nos = 45 sq.ft	45	sqft		
13	Painting (Inside) - 2/3 Coates Putty and Painting of wall and ceiling with I.C.I velvet touch (Color recommended by U.S.G) Over 2/3 Coates of Primer after removing the old paint and surface sand paper. Wall and Ceiling to be good finished.	13500	sqft		
14	Plaster (Outside and Inside) - Damages portions of plaster need to be repaired (water proofing treatment and Re-Plaster) Outside- 2000 sq.ft and Inside - 5000 sq.ft, <i>Inside and outside has to be completed at the same time so that the wall stays sealed and doesn't allow seepage of rain/moisture.</i>	7000	sqft		
15	Painting of CGR (Outside) - 2/3 Coates Painting of wall with I.C.I weather shield (Color recommended by U.S.G) Over 2 Coates of Primer after removing the old paint and surface sand paper. Wall to be good finished. Due to the erection of scaffolding, work needs to take place prior to move-in.	20000	sqft		

16	Painting of maid Quarter(Inside/Outside)- 2/3 Coat painting of wall and ceiling with I.C.I velvet touch (Color recommended by U.S.G) Over 2/3 Coates of Primer after removing the old paint and surface sand paper. Wall and Ceiling to be good finished. weather shield paint for outside	13000	sqft		
17	Cost of scaffolding for exterior and interior paint and repair works .	7000	sqft		
18	Replace old defaced gypoboard drop celing with new one in kitchen	400	sqft		
19	Replace old defaced toilet Tiles - Supply and Install Tiles for 2 toilets in CGR. Make- Kajaria or Equivalent (Approved by U.S.G)	1000	sqft		
20	Replace old defaced toilet Tiles - Supply and Install Tiles for 2 no's Toiletd of CGR maid quarter. Make- Kajaria or Equivalent (Approved by U.S.G)	1000	sqft		
21	Driveway Patch Work	300	sqft		
	Parapet Cladding with SS Replacement	600	RFT		
	Total cost in INR			Total	-

CGR 3 number toilet repair and replace work, 5 HCMS

Sl. No.	Description	QTY	Unit of Measure	Unit cost (INR)	Total cost (INR)
1	Remove and shift entire wall tiles and floor granite to the ground floor scrapyard at 5/2 HCMS	900	SF - square foot		
2	Dismantle and shift existing water pipelines, waste pipelines and all existing fittings from bathtub.	75	LF - linear foot		
3	Dismantling basin granite counter top along with basins and wooden cabinet .	120	SF - square foot		
4	7.Supplying, Laying & fixing ceramic/vitrified tiles on 4'-2" high walls on both sides,edge, on top of walls and on side wall and top of brick seat size 60cmX29.8cm of Make Kajaria or its equivalent product. Before fixing tiles the backing mortar on entire wall surface should be prepared by scratching on green mortar.	900	SF - square foot		
5	Supplying, Laying & fixing ceramic /vitrified tiles on walls up to 7' height size 60cmX29.8cm of Make Kajaria or its equivalent product. Before fixing tiles the backing mortar on entire wall surface should be prepared by scratching on green mortar.	975	SF - square foot		
6	Supplying, Laying & fixing ceramic /vitrified antiskid tiles on floor of approved brand and size 60cmx60cm, . While lying tiles on floor proper slope for drainage should be ensure with bedding mortar. Before lying tiles rise the entire shower area by 3" with sand feeling.	270	SF - square foot		

7	Supply and install 3/4 " GI pipe and fitting make TATA or equivalent for water supply line, 1- 1/2" UPVC make Astrybasin waste pipe line in position and concealing with mortar. 1-1/2"--- 30 feet and 2-0"----- 10 feet	5	JB - job		
8	Supply and install Granite counter top with provision of fixing double wash basin of size 18"x22" each (position of basins will be as per attached drawing).	18	LF - linear foot		
9	Supply and install water proof plywood cabinet under granite counter top with lamination of approved shade and as per attached drawing. Inside of the ply board should be painted with water proof enamel paint.	100	SF - square foot		
10	Supply and install Rain shower Jaquar make with arm,size of shower will be approved by us. SHA-CHR-4552-600, Arm-24" , O.H.Shower-ohs-chr-1613	3	JB - job		
11	Supply and install Bottom spout make Jaquar(SPJ-81463 Cord with bracket)or equivalent	3	JB - job		
12	Supply and install Telephone shower jaquar Allied or equivalent - 2 Nos, HSH-1937, SHA-549D8	3	JB - job		
13	Supply and install Diverter (high flow)make Jaquar (Opel) equivalent . FONTE-40079K, ALD-079	3	JB - job		
14	Supply and install Towel Rod 24" Make Jaquar, AKP--35711P	6	JB - job		
15	Drain line with necessary fittings for shower area as per site requirement.	3	JB - job		

16	Supply & install Parryware or equivalent cascade commode with seat cover matching with Commode color (Equivalent to flat-3B) Silent feature	3	JB - job		
17	Supply & Install Single lever basin mixture , make-Jaquar or equivalent, Model FONTE-40023B	6	JB - job		
18	Supply & Install 1-1/4" Jaquar full threaded waste coupling Cat. No. 709	6	JB - job		
19	Supply & Install 1-1/4" Essco or equivalent heavy duty bottle trap with viking bottle trap pipe	6	JB - job		
20	Supply & Install 1/2" Jaquar - FONTE or equivalent angular valve	15	JB - job		
21	Supply & Install Parryware or equivalent counter top basin oval, 22"x18".Model -Parry cascade NXT	6	JB - job		
22	Supply & Install Toilet roll holder , Jaquar or equivalent, Cat. No. AKP-35751P	3	JB - job		
23	Supply & Install 20 mm GI Pipe , make-TATA medium or equivalent, with metal primer.	170	LF - linear foot		
24	Supply & Install 15 mm, GI Pipe with fittings accessories make-TATA medium or equivalent, with heat proof insulation	30	LF - linear foot		
25	Supply & Install heavy duty VIKING connected pipe 1./2" x18" for WC	2	JB - job		
26	Supply & Install Beveled edges mirror (2'-0" x 3'-0")-	6	EA - each		
27	Supply and install Towel ring Make Jaquar AKP -35721P	6	EA - each		
28	Supply and fix wall outlet elbow, make -Jaquar	3	EA - each		
29	Supply and install soap disc(Jaquar -AKP- 35731P)	6	EA - each		

30	Dismantle the existing one toilet window, fill up by bricks, complete with necessary plaster, primer and matching painting in both inside and outside. Supply and install fixed type aluminum frame dual glass window, size; 20" x30" as per drawing/flat-1. Frosted film	3	JB - job		
31	Supply and install 8 module Modular type switch box along with 6 nos. 6 amps. Switches, 1 no 2 module Regulator(400 watts), 8 module cover plate, 8 module MS modular box(make-MK) by removing old existing switch box in every light, exhaust fan points.	6	JB - job		
32	Supply and install 2 nos. light points(1 no. wall light and one mirror light) along with 25 mm GI conduit, GI circular box, bend, 3x1.5 sqmm PVC insulated copper flexible wire with proper color code/make- Finolex/650v etc.	9	JB - job		
33	Supply and install 1 no light fixture with LED lamp with CE approved. Philips, model: QWG313	9	JB - job		
34	Supply and install energy efficient 2 nos. mirror light fixtures (as per sample) with single LED light/CE approved at middle position of basin area and top of the mirror. Connection and testing to be done.	9	JB - job		

35	Supply and install 11 nos. Raw Power outlets at existing possitions (4 modue modular MS box, make-MK, 1 no. 6-16 amps. Modular socket, 1 no. 16 amps. Modular switch) along with 25 mm GI conduit, bend, 3x2.5 sqmm PVC insulated copper flexible wire with proper color code. Necessary testing to be done.	6	EA - each		
36	Supply and install 1 no. 110 volt Power outlets at existing possition(NIMA with MS box) along with 25 mm GI conduit, bend, 3x2.5 sqmm PVC insulated copper flexible wire including necessary chase cutting	3	EA - each		
37	Install Consulate supplied GFCI for toilet power point 110 volt 5 mili amp trip point.	15	EA - each		
	Total INR				0.00